VO Management Project Status Report
April 12th 2005

This report consists of
a) the Mail to GDM Stakeholders on 2/23/2005 where a further phase of the VOX project
was proposed. The project has under the assumption that this is accepted..
b) an updated status since that date.

a) Mail to GDM Stakeholders 2/23/2005:

Dear GDM Stakeholders and Management

One of the action items from the last GDM was to meet with the VOX project leader and
the current stakeholders to continue the discussion of the current phase of the project,
what requirements there might be for a next phase, and a proposal for how to proceed in
the short term. Options mentioned were to take a haitus in the project after the current set
of deliverables are met or to define deliverables and contributions for FermiGrid.

As a result of this meeting we propose for comment a further Phase of the VOX project
in support of the short term FermiGrid deliverables which would last through June of this
year. This would be a collaboration with FermiGrid (with manpower from that project),
rely on consulting from US CMS and VDT, rely on Anne for the documentation phase,
and need effort from Tanya for from .75 to 1 FTE for 3-4 months. Effort reporting on
this phase of the project would be to GRID/FermiGrid except for the remaining US CMS
work.

Tanya's notes from the meeting are below:

K. Chadwick, A. Jonckheere, I. Fisk, T. Levshina and R. Pordes attended the meeting.

FermiGrid
1. Keith gave the FermiGrid status:
        .) Hardware is installed (GPFarm)
    ..) OS installation will start next week (Steve Timm)
    ...) VO Management software will be installed next. This will include
                a. VOMS core and admin
                b VOMRS
                c. GUMS/privilege software

2. FermiGrid will be eventually supporting all Fermi VO installations.
   First supported VOs will be D0, SDSS, CMS. The nearest goals from the FermiGrid
plan are:
        .) to have FermiGrid infrastructure available by the end of March.
    ..) to test use by D0 and migration of CMS by June
3. The proposed registration flow:

1. Create Fermi VO for all registered Fermi users
2. Use CNAS database to populate this VO. The script is provided by Windows group and will be modified and maintained by Don Yocum
3. Provide means for other "experiment" related VOs to pull information from Fermi VO (T. Levshina). It will be the responsibility of administrator of a particular VO to handle membership approval/suspension, expiration status within this VO

Alan Jonckheere has been asked to be the D0 Liaison for the user registration process. He will
1. Needs to understand available software for VO management and grid job submission
2. Have to figure out how SAM VO software interfaces with VOMRS and FermiGrid VOMS.
3. Will start to have regular meetings with VOX and FermiGrid people in order to start using VO and grid (T. Levshina will arrange the meetings on technical details)

CMS
1.CMS will transfer VO (CMS, SDSS, Gadu) maintenance and support to FermiGrid. Eventually US CMS expect to migrate to the use of the LCG CMS VO
2.US CMS would continue to support Tanya's efforts participating in the LCG Task Force and for VOMRS
tailoring and deliverables for LCG VOs

VOX.
We propose a preliminary   investigation of issues related to kerberos credential usage in the common grid environment (LCG, OSG, from registration to job submission and proxy renewal).
T. Levshina should be responsible for these activities. It is unclear how much effort it will take. In case it takes too much effort or it turns out to be impossible stakeholders should be notified

VOMRS
The plan is to release vomrs 1.1 by March 14th without LCG support and if the CERN ORGDB issues are solved by March 9th provide rpms for LCG by March 22d.

Would now start work with FermiGrid and CNAS .on the business logic for grid user
registration at Fermilab.

b) Updated Status
A technical meeting with the FermiGrid stakeholders was held and work with D0 started.

The milestone for the LCG deliverables has had a recent hiatus due to the LCG deciding to use the new VOMS release from gLITE. We are waiting for new RPMs to build against. This LCG decision is a result of the current situation where the various VOMS master sources have been reconciled and the resulting new release has modified administrative interfaces. VOMS is now distributed as part of the VDT and work is ongoing in the LCG, EGEE, and OSG contexts to ensure a compatible release of VOMS between the grids and that any further proposed changes and plans for VOMS development are communicated and understood ahead of time.

There is a proposal to ready VOMRS for OSG deployment. We are waiting to understand which new VO administrators are interested in using it, and to discuss the impact it would have on the project.